

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/002317

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H01M8/24 H01M8/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H01M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 1997, no. 08, 29 August 1997 (1997-08-29) & JP 9 092324 A (TOYOTA MOTOR CORP), 4 April 1997 (1997-04-04)	1-4, 8-11, 14, 15, 18, 20-22
Y	paragraphs '0034!', '0037! figures 1-6	7, 12
X	DE 100 49 801 A (TOYOTA MOTOR CO LTD) 26 April 2001 (2001-04-26)  figures 1,13-20  ----- -/-	1-5, 7-10, 14, 15, 18, 20-22



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

### \* Special categories of cited documents:

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the International filing date but later than the priority date claimed

"T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the International search

15 November 2004

Date of mailing of the International search report

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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X	DE 196 45 111 A (AEG ENERGIE-TECHNIK GMBH) 7 May 1998 (1998-05-07)  the whole document	1-3, 5, 7, 8, 11, 15, 16, 18, 20, 21
X	US 4 176 213 A (VAN LINDEN JACQUES) 27 November 1979 (1979-11-27) column 4, last paragraph figure 1	1-6, 8, 20
Y	US 5 824 199 A (NEWMAN JOHN SCOTT ET AL) 20 October 1998 (1998-10-20) column 12, lines 12-48 figures 3, 5, 6	12
Y	GB 2 336 937 A (BRITISH GAS PLC) 3 November 1999 (1999-11-03) figures 13, 14	7

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